



415440

AECOM

FORM 223-1
NOTIFICATION OF SUCCESSFUL VERIFICATION SURVEYArea Identification: 515 N Peshtigo Ct - Location I1.9 (just north of sidewalk)Date of Verification Survey: 12/5/11Time of Verification Survey: 3:00PM

The above-described excavation was surveyed at the time and date indicated above. The survey indicated that all soils have been removed as required by the Site Removal Action Criteria.

Documents pertaining to this survey are attached for review and approval by the USEPA.

Signed: Steve KornderDate: 12/5/11Print Name Steve KornderPrint Title Senior Project Geochemist

AECOM

The attached Verification Survey documents were reviewed by USEPA, Region 5 on 12/16/11. The results of this survey indicate that the verification criteria as contained in the Administrative Settlement Agreement and Order on Consent.

Authorization is hereby granted to commence backfill and restoration work at this excavation.

Date 12/16/11Print Name Verneta SimonPrint Title On-Scene Coordinator

For USEPA Region 5

FORM 223-1
NOTIFICATION OF SUCCESSFUL VERIFICATION SURVEY

Area Identification: 515 N Peshtigo Ct – Location D.1/E.1 – D.2/E.2

Date of Verification Survey: 12/5/11

Time of Verification Survey: 3:30PM

The above-described excavation was surveyed at the time and date indicated above. The survey indicated that all soils have been removed as required by the Site Removal Action Criteria.

Documents pertaining to this survey are attached for review and approval by the USEPA.

Signed: Steve Kornder

Date: 12/5/11

Print Name Steve Kornder

Print Title Senior Project Geochemist

AECOM

The attached Verification Survey documents were reviewed by USEPA, Region 5 on 12/6/11. The results of this survey indicate that the verification criteria as contained in the Administrative Settlement Agreement and Order on Consent.

Authorization is hereby granted to commence backfill and restoration work at this excavation.

Date 12/6/11

Print Name Karen Simon

Print Title On-Scene Coordinator

For USEPA Region 5

FORM 223-1
NOTIFICATION OF SUCCESSFUL VERIFICATION SURVEYArea Identification: 515 N Peshtigo Ct – Location I1.9 (just north of sidewalk)Date of Verification Survey: 12/5/11Time of Verification Survey: 3:00PM

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Documents pertaining to this survey are attached for review and approval by the USEPA.

Signed: Steve KornderDate: 12/5/11Print Name Steve KornderPrint Title Senior Project Geochemist

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Authorization is hereby granted to commence backfill and restoration work at this excavation.

Date _____

Print Name _____

Print Title _____

For USEPA Region 5

FORM 223-1
NOTIFICATION OF SUCCESSFUL VERIFICATION SURVEYArea Identification: 515 N Peshtigo Ct – Location D.1/E.1 – D.2/E.2Date of Verification Survey: 12/5/11Time of Verification Survey: 3:30PM

The above-described excavation was surveyed at the time and date indicated above. The survey indicated that all soils have been removed as required by the Site Removal Action Criteria.

Documents pertaining to this survey are attached for review and approval by the USEPA.

Signed: Steve KornderDate: 12/5/11Print Name Steve KornderPrint Title Senior Project Geochemist

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Authorization is hereby granted to commence backfill and restoration work at this excavation.

Date _____

Print Name _____

Print Title _____

For USEPA Region 5

Gamma Spec Report - AECOM 515 Peshtigo Ct.

Stan A. Huber Consultants, Inc.
200 North Cedar Road
New Lenox, IL 60451
(800) 383-0468

Instrument ID:

Canberra Genie 2000 Nal Gamma Spec System
2"x2" Nal detector w/ pulse height analysis software package

Exclusion Zone Confirmatory Samples for December 5, 2011

| Sample ID | Analysis Date | Sample Group | Description | Weight | U-238 Activity | U-238 Uncertainty | Th-232 Activity | Th-232 Uncertainty | Ra-226 Activity | Ra-226 Uncertainty | Total Radium Activity | Total Radium Uncertainty |
|--|---------------|------------------|--------------|--------|----------------|-------------------|-----------------|--------------------|-----------------|--------------------|-----------------------|--------------------------|
| 3719 | 12/5/2011 | 515 Peshtigo EPA | I-1.9 EPA #1 | 27.3 | 10.42 | 3.85 | 0.51 | 1.12 | 1.87 | 1.45 | 2.38 | 1.83 |
| 3720 | 12/5/2011 | 515 Peshtigo EPA | I-1.9 EPA #2 | 26.1 | 2.27 | 3.61 | 1.66 | 1.09 | 2.71 | 1.45 | 4.37 | 1.81 |
| 3721 | 12/5/2011 | 515 Peshtigo EPA | I-1.9 EPA #3 | 27.2 | 12.18 | 5.17 | 0.82 | 1.47 | 3.28 | 1.96 | 4.1 | 2.45 |
| 3722 | 12/5/2011 | 515 Peshtigo EPA | I-1.9 EPA #4 | 26 | 11.1 | 5.22 | 0.32 | 1.55 | 3.75 | 2.04 | 4.07 | 2.56 |
| 3723 | 12/5/2011 | 515 Peshtigo EPA | I-1.9 EPA #5 | 26.6 | 8.64 | 7.23 | 2.38 | 2.07 | 0.74 | 2.74 | 3.12 | 3.43 |
| Average Total Radium (Th-232+Ra-226) Concentration for : I-1.9 Exclusion Zone 3.61 pCi/g | | | | | | | | | | | | |

| Sample ID | Analysis Date | Sample Group | Description | Weight | U-238 Activity | U-238 Uncertainty | Th-232 Activity | Th-232 Uncertainty | Ra-226 Activity | Ra-226 Uncertainty | Total Radium Activity | Total Radium Uncertainty |
|--|---------------|------------------|------------------------|--------|----------------|-------------------|-----------------|--------------------|-----------------|--------------------|-----------------------|--------------------------|
| 3724 | 12/5/2011 | 515 Peshtigo EPA | D.1/E.1-D.2/E.2 EPA #1 | 27.5 | 2.82 | 7.13 | 3.24 | 2.06 | 1.88 | 2.84 | 5.12 | 3.51 |
| 3725 | 12/5/2011 | 515 Peshtigo EPA | D.1/E.1-D.2/E.2 EPA #2 | 26.2 | 10.54 | 5.58 | 0.47 | 1.63 | 3.53 | 2.21 | 4 | 2.75 |
| 3726 | 12/5/2011 | 515 Peshtigo EPA | D.1/E.1-D.2/E.2 EPA #3 | 27.2 | 0.62 | 5.55 | 2.97 | 1.7 | 0.76 | 2.13 | 3.73 | 2.73 |
| 3727 | 12/5/2011 | 515 Peshtigo EPA | D.1/E.1-D.2/E.2 EPA #4 | 26.3 | 5.34 | 3.1 | 2.6 | 0.92 | -0.21 | 1.16 | 2.39 | 1.48 |
| 3728 | 12/5/2011 | 515 Peshtigo EPA | D.1/E.1-D.2/E.2 EPA #5 | 26.5 | 7.52 | 5.18 | 2.19 | 1.51 | 2.9 | 2.01 | 5.09 | 2.51 |
| Average Total Radium (Th-232+Ra-226) Concentration for : D.1/E.1 - D.2/E.2 Exclusion Zone 4.07 pCi/g | | | | | | | | | | | | |

All results are in pCi/gram

** Important Note: System has not been calibrated for U-238 and the analytical results detailed above for U-238 should not be used or considered accurate